

Bluefin Softmatt

3052

Water-based topcoat for **furniture and interior finishing** for **industrial and professional use**

PRODUCT DESCRIPTION

General

Water-based, transparent 2-component acrylate clear coat to preserve the natural character of untreated wood with a velvety touch (soft touch) and excellent scratch resistance. Very good covering of fingerprints despite the dull matt surface.

Special properties and standards

- **ÖNORM A 3800-1** (fire behaviour) in conjunction with a flame-retardant substrate: highly non-combustible or flame-retardant (formerly B 1 in accordance with B 3800 -1), Q1, Tr 1
- **DIN 53160-1 and DIN 53160-2** perspiration and saliva-proof properties
- **EN 71-3** Safety of toys; migration of certain elements
- Registered in **baubook**
- **French ordinance DEVL1104875A** regarding the marking of construction coating products for their emission of volatile pollutants: A+

 declared and validated product



Application areas



- For the coating of furniture and interior finishing exposed to normal levels of stress, such as bedroom and living room furnishings: Application areas III – IV in accordance with ÖNORM A 1610-12.
- For open-pore coating of furniture surfaces and interior finishing, if the natural appearance of the respective wood type should be preserved.
- Applicable as a topcoat on suitable approved basecoats.
- Applicable as a topcoat on pigmented varnishes such as ADLER Pigmocryl NG.
- Bluefin Softmatt is also applicable on veneered boards (softwood) „varnish on varnish“.
- Suitable for the coating of surfaces bleached with hydrogen peroxide.
- Please observe the relative technical data sheets of the products.

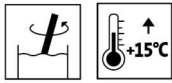
11-20 (supersedes 02-16) ZKL 3052

ADLER-Werk Lackfabrik, A-6130 Schwaz
 Phone: 0043/5242/6922-301, Fax: 0043/5242/6922-309, email: technical-support@adler-lacke.com

Our instructions for use are based on knowledge available currently and shall guide the buyer/user to the best of one's knowledge, but, however, must be clarified for the areas of application and processing conditions on a case-to-case basis. The buyer/user is responsible for deciding on the suitability and use of the delivered product, which is why it is recommended to produce a sample to check the suitability of the product. Our general terms and conditions of sale are otherwise applicable. All previous data sheets are rendered invalid with the issue of this one. Rights reserved for the modification of the container sizes, colour shades and degrees of gloss available.

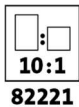
PROCESSING

Instructions for use



- Please stir the product before use.
- The temperature of the product and object, and the room temperature must be at least +15 °C.
- Various types of wood such as **Oak, Larch**, etc. contain water-soluble substances, which become active when applying a topcoat using water-based furniture varnishes. Hence, in order to prevent fading or marks (these can be evident in varying degree depending on the origin of the timber), we recommend applying a prime coat using ADLER PUR-Primer 25291 in case of **Oak, Larch** and **other wood types rich in extracts**. As an alternative for hardwood ADLER Aqua-Intense GL 30016 can be used as a primer.
- When coating interior doors, it must be ensured that only sealing profiles compatible with acrylic paints and lacquers are used.
- Please follow our **ARL 150 - Working guidelines for water-based furniture varnishes**.

Blending ratio



100 parts by weight of Bluefin Softmatt 3052000105
10 parts by weight of ADLER Aqua-PUR-Härter 82221

ADLER Aqua-PUR-Härter (hardener) must be incorporated carefully in the painting component by stirring. After adding the hardener, it is recommended that you wait for about 10 min. for improved de-aeration.

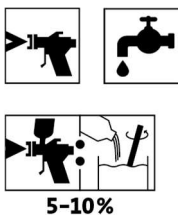
Pot life



4 hours at approx. 20 °C; higher temperature reduces the pot life.

The paint/hardener mixture has not gelled after such period of time. A further extension of the pot life is not possible.

Application technique



Application method	Airless	Airless pressurized (Airmix, Aircoat etc.)	Cup gun
Spray nozzle (ø mm)	0.23 – 0.33	0.23 – 0.33	1.8
Spraying pressure (bar)	100 – 120	100 – 120	3 - 4
Atomized air (bar)	-	1 – 2	-
Dilution (thinning)	water		
Thinner amount added in %	-	-	5 - 10
Application quantity per application (g/m ²)	approx. 80 – 110 per application; Total application quantity (primer and topcoat) max. 400		

The shape, the properties and moisture of the substrate affect the consumption/yield. Accurate values for consumption must be obtained by applying trial coats in advance.

Drying times

(at 23 °C and 50 % rel. humidity)



Manipulable	after approx. 5 hours
Grindability "varnish on varnish"	after drying overnight
Stackable	after drying overnight

The final feel of surface is obtained after about 2 days.

The figures given above are reference values. The drying time depends on the type of substrate, coat thickness, temperature, air exchange and relative atmospheric humidity.

Lower temperatures and/or high level of atmospheric humidity can increase the drying time.

Cleaning the working equipment

With water immediately after use.

To remove dried paint residues we recommend using ADLER Aqua-Cleaner 80080 (diluted 1:1 with water).

SUBSTRATE**Type of substrate**

Hard and softwood (solid wood-, veneer-, (coated) chipboard-, wood fibre boards)

Substrate property

The substrate must be dry, clean, capable of holding the paint, free from separating substances such as grease, wax, silicone, resin etc. and free from wood dust, as well as tested for suitability for coating.

Preparation of the substrate

Hardwoods: Wood sanding with grit size 180 - 220

Softwoods: Wood sanding with grit size 120 - 150

COATING SYSTEM**Primer coat**

Apply a prime coat of colourless, water-based furniture varnishes, such as ADLER Aqua-Resist 30461 ff or ADLER Aqua-Soft CFB 30361 ff or pigmented, water-based varnishes, such as ADLER Pigmocryl NG 3201 ff.

ADLER Pigmocryl NG 3201 ff (with or without filler layer, open or closed-pored), drying time at room temperature of at least 12 hours to a maximum of 24 days without intermediate sanding.

Please observe the relative technical data sheets of the products.

Intermediate sanding

Grit size 280 - 320

Avoid sanding straight through!

Topcoat

1 x Bluefin Softmatt 3052

MAINTENANCE & RENOVATION

Maintenance and renovation

Cleaning with ADLER Clean-Möbelreiniger 96490.

Please observe the relative technical data sheets of the products.

ORDERING INFORMATION

Size of trading unit

4 kg; 20 kg

Colour shades / degrees of gloss

Naturmatt

3052000105

Supplementary products

ADLER Aqua-PUR-Härter	82221
ADLER Aqua-Resist	30461 ff
ADLER Aqua-Soft CFB	30361 ff
ADLER Pigmocryl NG	3201 ff
ADLER Aqua-Cleaner	80080
ADLER Clean-Möbelreiniger	96490

FURHTER DETAILS

Durability / storage

At least 6 month in the original sealed containers.

Cool, but frost-free

Technical specifications

Delivery
viscosity

90 ± 20 s in accordance with DIN 53211

Safety-related information

Further information on the subject of safety during transport, storage and handling as well as disposal can be found in the relevant safety data sheet. The current version can be accessed on the Internet at **www.adler-lacke.com**.

The product is only suitable for industrial and professional use.

Inhaling paint aerosols whilst spraying must generally be avoided. This is ensured by correctly using a respiratory mask (combination filter A2/P2).
